Attorney Docket No: 014975-119

## **ABSTRACT**

The invention relates to nucleic acid probes and to broadrange primers that are useful in the identification of
bacterial species and the diagnosis of bacterial infections.
Especially, the invention relates to specific nucleic acid
probes that originate from hyper-variable regions situated
near the conserved sequences of topoisomerase genes of
infection-causing bacteria. The invention also relates to
broad-range primers originating from the conserved
regions of topoisomerase genes. In addition, the invention
relates to the use of these nucleic acid probes and broadrange primers in the diagnosis of bacterial infections as
well as to diagnostic methods in which these nucleic acid
probes and broad-range primers are used.